



Material Content Data Sheet



Sales Product Name		BGSX 210MA18 E6327		Issued		3. July 2019		
MA#		MA004221198						
Package		PG-ATSLP-18-3		Weight*		6.40 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.223	3.49	3.49	34906	34906
bumps	non noble metal	copper	7440-50-8	0.025	0.39	0.39	3901	3901
encapsulation	organic material	carbon black	1333-86-4	0.023	0.36		3649	
	plastics	epoxy resin	-	0.677	10.58		105834	
leadfinish	inorganic material	silicondioxide	60676-86-0	3.971	62.05	72.99	620409	729892
	noble metal	gold	7440-57-5	0.059	0.92		9223	
substrate	non noble metal	nickel	7440-02-0	0.067	1.05	1.97	10519	19742
	organic material	carbon black	1333-86-4	0.002	0.03		310	
solder	plastics	epoxy resin	-	0.077	1.21		12096	
	non noble metal	copper	7440-50-8	0.494	7.72		77165	
	inorganic material	silicondioxide	60676-86-0	0.582	9.10	18.06	90978	180549
ubm	noble metal	silver	7440-22-4	0.000	0.00		25	
	non noble metal	tin	7440-31-5	0.009	0.14	0.14	1390	1415
solder resists	non noble metal	tungsten	7440-33-7	0.000	0.00		49	
	non noble metal	titanium	7440-32-6	0.001	0.01		94	
	non noble metal	copper	7440-50-8	0.002	0.03	0.04	266	409
*deviation	inorganic material	silicondioxide	60676-86-0	0.040	0.62		6202	
	inorganic material	bariumsulfate	7727-43-7	0.040	0.63		6275	
	plastics	acrylic resin	-	0.107	1.67	2.92	16709	29186
Sum in total:						100.00		1000000

Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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